



Amendment Under 37 C.F.R. § 1.111
Application No. 10/740,544
Attorney Docket No. 042529

AMENDMENTS TO THE SPECIFICATION

Please amend the specification as follows:

Amend the second full paragraph on page 3 (numbered lines 8-12) as follows:

Fig. 1 is an illustration of a schematic cross-section view of ~~a fiber~~ fibers having a conjugate structure. In the ~~drawing~~ drawings, 1 is a peripheral portion comprising a resin, and 2 is a central portion comprising a conductive material.

Amend the first full paragraph on page 5 (numbered lines 7-31) as follows:

The PET fiber or the nylon-66 fiber including the conductive material includes, for example, a fiber in which a conductive material has been mixed and dispersed uniformly; a fiber having a conjugate structure in which a conductive material is congregated in the central portion and the peripheral portion is surrounded by a resin, and the like. Above all, the fiber having a conjugate structure is preferred since it can maintain the superior property of the PET fiber or the nylon-66 fiber and can provide high conductivity by a small amount of conductive material. Fig. 1 illustrates a schematic drawing of a cross-section of ~~the fiber~~ fibers having a conjugate structure. In Fig. 1, the conductive material 2 may be congregated in the center of the peripheral portion comprising the resin 1 in a columnar shape (Fig. 1a), or may be congregated in a belt shape (Fig. 1b). Furthermore, the conductive material 2 is preferably exposed partially on the surface of the fiber as shown in Figs. 1b and 1c. In the fiber having a conjugate structure, the central portion comprising the conductive material preferably comprises some amount of the

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same kind of resin as the resin that constitutes the peripheral portion so that the conductive material particles are bound each other and the affinity to the peripheral portion is improved.